Schwalbe
Service & Versand GmbH

SERVICE MANUAL

Nachdruck bzw. Kopieren dieser Unterlagen ist grundsätzlich verboten!

ORION

Chassis Professional 8000

TV 71100 TV 71200 TV 28100

TV 82100 TV 82200

765/374 765/376 765/382 765/390

Spare parts list
Lista parti di ricambio

28DDA TV 71100

Chassis professional 8000

Ref./pos	Part.No. Codice	Description	Descrizione	Price Lit. Prezzo Lit
	S000558009	**Front-end PCB cpl.**	**Front-end chassis cpl.**	
	S000778609	**100Hz Features PCB cpl.**	**Modulo Features 100Hz cpl.**	
	S000501109	**Power/RGB PCB cpl.**	**Power/RGB chassis cpl.**	
	S000846009	**Manuals controls PCB cpl.**	**Comando locale cpl.**	
	S062000409	LED diode red/green	Diodo LED rossso/verde	
	S068055319	Mains switch	Interruttore rete	
	S068056309	Pusch EKPT 1105 S	Pusch EKPT 1105S	
	S068149109	IR receiver TFMS 5360	Ricevitore IR TFMS 5360	
	S071015309	Earphone jack	Presa cuffia	
	S004000019	Manuals controls holder	Supporto comandi manuali	
	S083307109	Mains switch button	Tasto interruttore rete	
	S092503609	Mains cable	Cavo rete	
	S000848509	Door	Sportello comandi	
	S082900009	Door push-push block	Fermo push-push	
	S082811469	Door holder	Cerniera sportello	
	S071020009	S-VHS connector	Presa S-VHS	
	S071020109	RCA connector white	Presa RCA bianca	
	S071020119	RCA connector red	Presa RCA rossa	
	S071020129	RCA connector yellow	Presa RCA gialla	
	S078657109	Cabinet front	Mobile parte frontale	
	S070050059	Cabinet bottom	Mobile parte inferiore	
	S050020299	Shielding plate	Schermo	
	S080157009	Back cover	Schienale	
	S060328459	CRT 28" A66EMZ43X51	Cinescopio 28" A66EMZ43X51	
	S067202119	Degauss coil	Bobina smagnetizzazione	
	S068280009	Remote control	Telecomando	
	S073174009	Speaker 8 Ohm	Altoparlante 8 Ohm	
	S081058209	Gift box	Scatola imballaggio	
	S081256009	Polybag bottom	Polistirolo inferiore	
	S081256019	Polybag top	Polistirolo superiore	

Spare parts list
Lista parti di ricambio

28DDB TV 71200

Chassis professional 8000

Ref./pos	Part.No. Codice	Description	Descrizione	Price Lit. Prezzo Lit
	S000558009	**Front-end PCB cpl.**	**Front-end chassis cpl.**	
	S000530159	**100Hz Features PCB cpl.**	**Modulo Features 100Hz cpl.**	
	S000501159	**Power/RGB PCB cpl.**	**Power/RGB chassis cpl.**	
	S000800049	**Manuals controls PCB cpl.**	**Comando locale cpl.**	
	S062000409	LED diode red/green	Diodo LED rossso/verde	
	S068055319	Mains switch	Interruttore rete	
	S068056309	Pusch EKPT 1105 S	Pusch EKPT 1105S	
	S068149109	IR receiver TFMS 5360	Ricevitore IR TFMS 5360	
	S071015309	Earphone jack	Presa cuffia	
	S004000019	Manuals controls holder	Supporto comandi manuali	
	S083307109	Mains switch button	Tasto interruttore rete	
	S092503609	Mains cable	Cavo rete	
	S000848509	Door	Sportello comandi	
	S082900009	Door push-push block	Fermo push-push	
	S082811469	Door holder	Cerniera sportello	
	S071020009	S-VHS connector	Presa S-VHS	
	S071020109	RCA connector white	Presa RCA bianca	
	S071020119	RCA connector red	Presa RCA rossa	
	S071020129	RCA connector yellow	Presa RCA gialla	
	S078657309	Cabinet front	Mobile parte frontale	
	S070050059	Cabinet bottom	Mobile parte inferiore	
	S050020299	Shielding plate	Schermo	
	S080157109	Back cover	Schienale	
	S080010039	CRT 28" A66EAK071X44	Cinescopio 28" A66EAK071X44	
	S067202119	Degauss coil	Bobina smagnetizzazione	
	S068280009	Remote control	Telecomando	
	S073174009	Speaker 8 Ohm	Altoparlante 8 Ohm	
	S081058209	Gift box	Scatola imballaggio	
	S081256009	Polybag bottom	Polistirolo inferiore	
	S081256019	Polybag top	Polistirolo superiore	

Spare parts list
Lista parti di ricambio

32DDA TV 82100

Chassis professional 8000

Ref./pos	Part.No. Codice	Description	Descrizione	Price Lit. Prezzo Lit
	S000558009	**Front-end PCB cpl.**	**Front-end chassis cpl.**	
	S000778609	**100Hz Features PCB cpl.**	**Modulo Features 100Hz cpl.**	
	S000501099	**Power/RGB PCB cpl.**	**Power/RGB chassis cpl.**	
	S000846009	**Manuals controls PCB cpl.**	**Comando locale cpl.**	
	S062000409	LED diode red/green	Diodo LED rossso/verde	
	S068055319	Mains switch	Interruttore rete	
	S068056309	Pusch EKPT 1105 S	Pusch EKPT 1105S	
	S068149109	IR receiver TFMS 5360	Ricevitore IR TFMS 5360	
	S071015309	Earphone jack	Presa cuffia	
	S004000019	Manuals controls holder	Supporto comandi manuali	
	S083307109	Mains switch button	Tasto interruttore rete	
	S092503609	Mains cable	Cavo rete	
	S000848509	Door	Sportello comandi	
	S082900009	Door push-push block	Fermo push-push	
	S082811469	Door holder	Cerniera sportello	
	S071020009	S-VHS connector	Presa S-VHS	
	S071020109	RCA connector white	Presa RCA bianca	
	S071020119	RCA connector red	Presa RCA rossa	
	S071020129	RCA connector yellow	Presa RCA gialla	
	S078680109	Cabinet front	Mobile parte frontale	
	S070050059	Cabinet bottom	Mobile parte inferiore	
	S050020299	Shielding plate	Schermo	
	S080180009	Back cover	Schienale	
	S060332509	CRT 32" W76EGV023X522	Cinescopio 32" W76EGV023X522	
	S067203319	Degauss coil	Bobina smagnetizzazione	
	S068280009	Remote control	Telecomando	
	S073173709	Speaker 8 Ohm	Altoparlante 8 Ohm	
	S081065119	Gift box top	Scatola imballaggio superiore	
	S081073009	Gift box bottom	Scatola imballaggio inferiore	
	S081253709	Polybag bottom	Polistirolo inferiore	
	S081253719	Polybag top	Polistirolo superiore	

Spare parts list
Lista parti di ricambio

28VDA TV 28100

Chassis professional 8000

Ref./pos	Part.No. Codice	Description	Descrizione	Price Lit. Prezzo Lit
	S000558009	**Front-end PCB cpl.**	**Front-end chassis cpl.**	
	S000778609	**100Hz Features PCB cpl.**	**Modulo Features 100Hz cpl.**	
	S000501089	**Power/RGB PCB cpl.**	**Power/RGB chassis cpl.**	
	S000846009	**Manuals controls PCB cpl.**	**Comando locale cpl.**	
	S062000409	LED diode red/green	Diodo LED rossso/verde	
	S068055319	Mains switch	Interruttore rete	
	S068056309	Pusch EKPT 1105 S	Pusch EKPT 1105S	
	S068149109	IR receiver TFMS 5360	Ricevitore IR TFMS 5360	
	S071015309	Earphone jack	Presa cuffia	
	S004000019	Manuals controls holder	Supporto comandi manuali	
	S083307109	Mains switch button	Tasto interruttore rete	
	S092503609	Mains cable	Cavo rete	
	S000848509	Door	Sportello comandi	
	S082900009	Door push-push block	Fermo push-push	
	S082811469	Door holder	Cerniera sportello	
	S071020009	S-VHS connector	Presa S-VHS	
	S071020109	RCA connector white	Presa RCA bianca	
	S071020119	RCA connector red	Presa RCA rossa	
	S071020129	RCA connector yellow	Presa RCA gialla	
	S078649109	Cabinet front	Mobile parte frontale	
	S070050059	Cabinet bottom	Mobile parte inferiore	
	S050020299	Shielding plate	Schermo	
	S080149009	Back cover	Schienale	
	S060328719	CRT 28" W66ESF002X44	Cinescopio 28" W66ESF002X44	
	S067203419	Degauss coil	Bobina smagnetizzazione	
	S068280009	Remote control	Telecomando	
	S073174009	Speaker 8 Ohm	Altoparlante 8 Ohm	
	S081047109	Gift box	Scatola imballaggio	
	S081247009	Polybag bottom	Polistirolo inferiore	
	S081247019	Polybag top	Polistirolo superiore	

Spare parts list
Lista parti di ricambio

28VPB 765/376

Chassis professional 8000

Ref./pos	Part.No. Codice	Description	Descrizione	Price Lit. Prezzo Lit
	S000558259	**Front-end PCB cpl.**	**Front-end chassis cpl.**	
	S000778609	**100Hz Features PCB cpl.**	**Modulo Features 100 Hz cpl.**	
	S000501089	**Power/RGB PCB cpl.**	**Power/RGB chassis cpl.**	
	S000846009	**Manuals controls PCB cpl.**	**Comando locale cpl.**	
	S062000409	LED diode red/green	Diodo LED rossso/verde	
	S068055319	Mains switch	Interruttore rete	
	S068056309	Pusch EKPT 1105 S	Pusch EKPT 1105S	
	S068149109	IR receiver TFMS 5360	Ricevitore IR TFMS 5360	
	S071015309	Earphone jack	Presa cuffia	
	S004000019	Manuals controls holder	Supporto comandi manuali	
	S083307109	Mains switch button	Tasto interruttore rete	
	S092503609	Mains cable	Cavo rete	
	S000848519	Door	Sportello comandi	
	S082900009	Door push-push block	Fermo push-push	
	S082811469	Door holder	Cerniera sportello	
	S071020009	S-VHS connector	Presa S-VHS	
	S071020109	RCA connector white	Presa RCA bianca	
	S071020119	RCA connector red	Presa RCA rossa	
	S071020129	RCA connector yellow	Presa RCA gialla	
	S078649109	Cabinet front	Mobile parte frontale	
	S070050059	Cabinet bottom	Mobile parte inferiore	
	S050020299	Shielding plate	Schermo	
	S080149009	Back cover	Schienale	
	S060328719	CRT 28" W66ESF002X44	Cinescopio 28" W66ESF002X44	
	S067203419	Degauss coil	Bobina smagnetizzazione	
	S068280009	Remote control	Telecomando	
	S073174009	Speaker 8 Ohm	Altoparlante 8 Ohm	
	S073173109	Woofer speaker 8 Ohm	Altoparlantewoofer 8 Ohm	
	S082740409	Box subwoofer holder	Supporto box subwoofer	
	S000887029	Rear box cpl.	Box posteriore cpl.	
	S081047159	Gift box	Scatola imballaggio	

Spare parts list
Lista parti di ricambio

28VPA 765/374

Chassis professional 8000

Ref./pos	Part.No. Codice	Description	Descrizione	Price Lit. Prezzo Lit
	S000558009	**Front-end PCB cpl.**	**Front-end chassis cpl.**	
	S000778609	**100Hz Features PCB cpl.**	**Modulo Features 100Hz cpl.**	
	S000501089	**Power/RGB PCB cpl.**	**Power/RGB chassis cpl.**	
	S000846009	**Manuals controls PCB cpl.**	**Comando locale cpl.**	
	S062000409	LED diode red/green	Diodo LED rossso/verde	
	S068055319	Mains switch	Interruttore rete	
	S068056309	Pusch EKPT 1105 S	Pusch EKPT 1105S	
	S068149109	IR receiver TFMS 5360	Ricevitore IR TFMS 5360	
	S071015309	Earphone jack	Presa cuffia	
	S004000019	Manuals controls holder	Supporto comandi manuali	
	S083307109	Mains switch button	Tasto interruttore rete	
	S092503609	Mains cable	Cavo rete	
	S000848509	Door	Sportello comandi	
	S082900009	Door push-push block	Fermo push-push	
	S082811469	Door holder	Cerniera sportello	
	S071020009	S-VHS connector	Presa S-VHS	
	S071020109	RCA connector white	Presa RCA bianca	
	S071020119	RCA connector red	Presa RCA rossa	
	S071020129	RCA connector yellow	Presa RCA gialla	
	S078649109	Cabinet front	Mobile parte frontale	
	S070050059	Cabinet bottom	Mobile parte inferiore	
	S050020299	Shielding plate	Schermo	
	S080149009	Back cover	Schienale	
	S060328719	CRT 28" W66ESF002X44	Cinescopio 28" W66ESF002X44	
	S067203419	Degauss coil	Bobina smagnetizzazione	
	S068280009	Remote control	Telecomando	
	S073174009	Speaker 8 Ohm	Altoparlante 8 Ohm	
	S081047159	Gift box	Scatola imballaggio	
	S081247009	Polybag bottom	Polistirolo inferiore	
	S081247019	Polybag top	Polistirolo superiore	

Spare parts list
Lista parti di ricambio

32DPA 765/382

Chassis professional 8000

Ref./pos	Part.No. Codice	Description	Descrizione	Price Lit. Prezzo Lit
	S000558009	**Front-end PCB cpl.**	**Front-end chassis cpl.**	
	S000778609	**100Hz Features PCB cpl.**	**Modulo Features 100Hz cpl.**	
	S000501099	**Power/RGB PCB cpl.**	**Power/RGB chassis cpl.**	
	S000846009	**Manuals controls PCB cpl.**	**Comando locale cpl.**	
	S062000409	LED diode red/green	Diodo LED rossso/verde	
	S068055319	Mains switch	Interruttore rete	
	S068056309	Pusch EKPT 1105 S	Pusch EKPT 1105S	
	S068149109	IR receiver TFMS 5360	Ricevitore IR TFMS 5360	
	S071015309	Earphone jack	Presa cuffia	
	S004000019	Manuals controls holder	Supporto comandi manuali	
	S083307109	Mains switch button	Tasto interruttore rete	
	S092503609	Mains cable	Cavo rete	
	S000848509	Door	Sportello comandi	
	S082900009	Door push-push block	Fermo push-push	
	S082811469	Door holder	Cerniera sportello	
	S071020009	S-VHS connector	Presa S-VHS	
	S071020109	RCA connector white	Presa RCA bianca	
	S071020119	RCA connector red	Presa RCA rossa	
	S071020129	RCA connector yellow	Presa RCA gialla	
	S078680109	Cabinet front	Mobile parte frontale	
	S070050059	Cabinet bottom	Mobile parte inferiore	
	S050020299	Shielding plate	Schermo	
	S080180009	Back cover	Schienale	
	S060332509	CRT 32" W76EGV023X522	Cinescopio 32" W76EGV023X522	
	S067203319	Degauss coil	Bobina smagnetizzazione	
	S068280009	Remote control	Telecomando	
	S073173709	Speaker 8 Ohm	Altoparlante 8 Ohm	
	S081065609	Gift box top	Scatola imballaggio superiore	
	S081073009	Gift box bottom	Scatola imballaggio inferiore	
	S081253709	Polybag bottom	Polistirolo inferiore	
	S081253719	Polybag top	Polistirolo superiore	

	S081247009	Polybag bottom	Polistirolo inferiore	
	S081247019	Polybag top	Polistirolo superiore	

Spare parts list
Lista parti di ricambio

32DPB 765/390

Chassis professional 8000

Ref./pos	Part.No. Codice	Description	Descrizione	Price Lit. Prezzo Lit
	S000558259	**Front-end PCB cpl.**	**Front-end chassis cpl.**	
	S000778609	**100Hz Features PCB cpl.**	**Modulo Features 100Hz cpl.**	
	S000501099	**Power/RGB PCB cpl.**	**Power/RGB chassis cpl.**	
	S000846009	**Manuals controls PCB cpl.**	**Comando locale cpl.**	
	S062000409	LED diode red/green	Diodo LED rossso/verde	
	S068055319	Mains switch	Interruttore rete	
	S068056309	Pusch EKPT 1105 S	Pusch EKPT 1105S	
	S068149109	IR receiver TFMS 5360	Ricevitore IR TFMS 5360	
	S071015309	Earphone jack	Presa cuffia	
	S004000019	Manuals controls holder	Supporto comandi manuali	
	S083307109	Mains switch button	Tasto interruttore rete	
	S092503609	Mains cable	Cavo rete	
	S000848519	Door	Sportello comandi	
	S082900009	Door push-push block	Fermo push-push	
	S082811469	Door holder	Cerniera sportello	
	S071020009	S-VHS connector	Presa S-VHS	
	S071020109	RCA connector white	Presa RCA bianca	
	S071020119	RCA connector red	Presa RCA rossa	
	S071020129	RCA connector yellow	Presa RCA gialla	
	S078680109	Cabinet front	Mobile parte frontale	
	S070050059	Cabinet bottom	Mobile parte inferiore	
	S050020299	Shielding plate	Schermo	
	S080180009	Back cover	Schienale	
	S060332509	CRT 32" W76EGV023X522	Cinescopio 32" W76EGV023X522	
	S067203319	Degauss coil	Bobina smagnetizzazione	
	S068280009	Remote control	Telecomando	
	S073173709	Speaker 8 Ohm	Altoparlante 8 Ohm	
	S073173109	Woofer speaker 8 Ohm	Altoparlantewoofer 8 Ohm	
	S082740409	Box subwoofer holder	Supporto box subwoofer	
	S000887029	Rear box cpl.	Box posteriore cpl.	
	S081065619	Gift box	Scatola imballaggio	

	S081253729	Polybag column	Polistirolo colonna	

Spare parts list
Lista parti di ricambio

32DDC TV82200

Chassis professional 8000

Ref./pos	Part.No. Codice	Description	Descrizione	Price Lit. Prezzo Lit
	S000501169	**Front-end PCB cpl.**	**Front-end chassis cpl.**	
	S000530159	**100Hz Features PCB cpl.**	**Modulo Features 100Hz cpl.**	
	S000501099	**Power/RGB PCB cpl.**	**Power/RGB chassis cpl.**	
	S000800049	**Manuals controls PCB cpl.**	**Comando locale cpl.**	
	S062000409	LED diode red/green	Diodo LED rossso/verde	
	S068055319	Mains switch	Interruttore rete	
	S068056309	Pusch EKPT 1105 S	Pusch EKPT 1105S	
	S068149109	IR receiver TFMS 5360	Ricevitore IR TFMS 5360	
	S071015309	Earphone jack	Presa cuffia	
	S004000019	Manuals controls assembly	Insieme comandi manuali	
	S083307109	Mains switch button	Tasto interruttore rete	
	S092503609	Mains cable	Cavo rete	
	S000848509	Door	Sportello comandi	
	S082900009	Door push-push block	Fermo push-push	
	S082811469	Door holder	Cerniera sportello	
	S071020009	S-VHS connector	Presa S-VHS	
	S071020109	RCA connector white	Presa RCA bianca	
	S071020119	RCA connector red	Presa RCA rossa	
	S071020129	RCA connector yellow	Presa RCA gialla	
	S078680309	Cabinet front	Mobile parte frontale	
	S087128009	Cabinet bottom	Mobile parte inferiore	
	S080180109	Back cover	Schienale	
	S060332509	CRT 32" W76EGV023X522	Cinescopio 32" W76EGV023X522	
	S067203319	Degauss coil	Bobina smagnetizzazione	
	S068280009	Remote control	Telecomando	
	S073173709	Speaker 8 Ohm	Altoparlante 8 Ohm	
	S090020039	Gift box	Scatola imballaggio	
	S090010009	Polybag bottom	Polistirolo inferiore	
	S090010019	Polybagtop	Polistirolo superiore	

	S081253729	Polybag column	Polistirolo colonna	

Spare parts list
Lista parti di ricambio

Chassis 8000

Rev 1.1

Ref./pos	Part.No. Codice	Description	Descrizione	Price Lit. Prezzo Lit
	S000558009	**Front End PCB 8000 cpl.**	**Base Front End 8000 cpl.**	
	S000558759	**Front End PCB 8000 Nicam/Dolby cpl.**	**Base Front End 8000 Nicam/Dolby cpl.**	
	S000558509	**Front End PCB 8000 Nicam cpl.**	**Base Front End 8000 Nicam cpl.**	
	S000558259	**Front End PCB 8000 Dolby cpl.**	**Base Front End 8000 Dolby cpl.**	
!	S047501009	Fusible resistor 1 Ohm	Resistenza sicurezza 1 Ohm	
!	S047502209	Fusible resistor 2,2 Ohm	Resistenza sicurezza 2,2 Ohm	
!	S047504709	Fusible resistor 4,7 Ohm	Resistenza sicurezza 4,7 Ohm	
RW46	S055408029	Wire wound resistor 1 Ohm 7W	Resistenza a filo 1 Ohm 7W	
	S061112059	Diode BAS 32 L	Diodo BAS 32 L	
DC4/DC5	S061517929	Diode BA792/T1	Diodo BA792/T1	
ZC4	S061518109	Diode BAS81	Diodo BAS81	
ZR1	S061703309	Zener diode 3V3	Diodo zener 3V3	
ZC3	S061706809	Zener diode 6V8	Diodo zener 6V8	
ZC5	S061713309	Zener diode 33V	Diodo zener 33V	
	S062608509	Transistor BC 847 B	Transistor BC 847 B	
	S062608609	Transistor BC 857 B	Transistor BC 857 B	
ICS2/ICS6	S063126169	I.C. TDA 2616/N1	I.C. TDA 2616/N1	
ICS1	S063198709	I.C. TDA 9870A (no Nicam)	I.C. TDA 9870A (no Nicam)	
ICS1	S063198759	I.C. TDA9875A V2 (Nicam)	I.C. TDA 9875A V2 (Nicam)	
ICR3	S063286169	I.C. EEPROM M24C16-BN6	I.C. EEPROM M24C16-BN6	
ICR2	S063342709	I.C. EPROM M27C4001-80XF1	I.C. EPROM M27C4001-80XF1	
ICR4	S063344409	I.C. MSM514400D-60	I.C. MSM514400D-60	
ICR1	S063362069	I.C. M30612SFP	I.C. M30612SFP	
ICR6	S063363199	I.C. M51953BFP	I.C. M51953BFP	
ICS4	S063377109	I.C. SAA 7710T/N104/T3 (Pro Logic only)	I.C. SAA 7710T/N104/T3 (Pro Logic solo)	
ICR5	S063552739	I.C. SDA 5273 2P	I.C. SDA 5273 2P	
ICS3	S063570539	I.C. TDA 7053AT/N2,118	I.C. TDA 7053AT/N2,118	
ICC2	S063593209	I.C. TDA 9321H/N1/T3	I.C. TDA 9321H/N1/T3	
ICC1	S063593319	I.C. TDA 9332H/N1/T3	I.C. TDA 9332H/N1/T3	
QC4	S066900159	Quarz 3,58 Mhz	Quarzo 3,58 Mhz	
QC1	S066900259	Quarz 4,43 Mhz	Quarzo 4,43 Mhz	

	S081253709	Polybag bottom	Polistirolo inferiore	
	S081253719	Polybag top	Polistirolo superiore	

QR1		S066900409	Quarz 10 Mhz	Quarzo 10 Mhz	
QR2		S066902049	Quarz 20,48 Mhz	Quarzo 20,48 Mhz	
QS1		S066902459	Quarz 24,576 Mhz	Quarzo 24,576 Mhz	
QS2		S066903689	Quarz 36,864 Mhz	Quarz 36,864 Mhz	
FCC5		S067322009	SAW Filter K3953M	Filtro SAW K3953M	
FCC4		S067322509	SAW Filter K9453M	Filtro SAW K9453M	
FCC1		S067330619	Ceramic resonator CSTCS 12.0MT	Risuonatore ceramico CSTCS 12.0MT	
FCC3		S067401059	Ceramic filter TPS 5,5 MWA	Filtro ceramico TPS 5,5 MWA	
LC9		S067408209	Coil P3691NAS-A41	Bobina P3691NAS-A41	
TUC1		S069023209	Tuner UV 1316 AI2	Tuner UV 1316 AI2	
PLS1/PLS2		S071013409	Ext. Speaker connector	Presa x altop. esterno	
SC1/SC2		S071014809	Double SCART connector	Presa SCART doppia	
CNS6		S071015409	Line out RCA connector	Presa RCA line out	
		S087170009	Chassis holder side	Staffa supporto telaio	
		S087178109	Chassis rear connector cover	Sfondo posteriore	
		S087178509	Chassis holder front	Supporto telaio anteriore	
		S000568509	**Power PCB 8000 4:3 25" PH cpl.**	**Modulo Power 8000 4:3 25" PH cpl.**	
		S000568519	**Power PCB 8000 4:3 28" PH cpl.**	**Modulo Power 8000 4:3 28" PH cpl.**	
		S000568529	**Power PCB 8000 4:3 29" PH cpl.**	**Modulo Power 8000 4:3 29" PH cpl.**	
		S000568539	**Power PCB 8000 4:3 34" VI cpl.**	**Modulo Power 8000 4:3 34" VI cpl.**	
		S000568809	**Power PCB 8000 16:9 28" VI cpl.**	**Modulo Power 8000 16:9 28" VI cpl.**	
		S000568819	**Power PCB 8000 16:9 32" VI cpl.**	**Modulo Power 8000 16:9 32" VI cpl.**	
		S000568829	**Power PCB 8000 16:9 28" PH cpl.**	**Modulo Power 8000 16:9 28" PH cpl.**	
	!	S044010109	Fusible resistor 1 Ohm NFR25	Resistenza sicurezza 1 Ohm NFR25	
	!	S044010479	Fusible resistor 4,7 Ohm NFR25	Resistenza sicurezza 4,7 Ohm NFR25	
	!	S048002209	Fusible resistor 2,2 Ohm NFR25H	Resistenza sicurezza 2,2 Ohm NFR25H	
	!	S048033009	Fusible resistor 33 Ohm NFR25H	Resistenza sicurezza 33 Ohm NFR25H	
	!	S048147009	Fusible resistor 470 Ohm NFR25H	Resistenza sicurezza 470 Ohm NFR25H	
RP1	!	S053051009	Safety resistor 1MOhm VR37	Resistenza 1 MOhm VR37	
RP38	!	S053210709	Safety resistor 4M7Ohm VR68	Resistenza 4M7 Ohm VR68	
RP9		S054000159	Wire wound resistor 0,15 Ohm 3W	Resistenza a filo 0,15 Ohm 3W	
		S054001009	Resistor 1 Ohm 2W	Resistenza 1 Ohm 2W	
		S054004709	Resistor 4,7 Ohm 2W	Resistenza 4,7 Ohm 2W	
RF11		S054115009	Resistor 150 Ohm 2W	Resistenza 150 Ohm 2W	
RP3		S054347009	Resistor 47 KOhm 2W	Resistenza 47 KOhm 2W	
RP16		S055492279	Resistor 27 KOhm 7W	Resistenza 27 KOhm 7W	
NTC1		S056590209	NTC resistor 4,7 Ohm	Resistenza NTC 4,7 Ohm	
PTC1	!	S056591109	PTC resistor 12A	Resistenza PTC 12A	
		S061002109	Diode BAV 21/A52A	Diodo BAV 21/A52A	

DF1	S061111329	Diode 1N 4007	Diodo 1N 4007	
	S061112059	Diode BAS 32L	Diodo BAS 32L	
	S061281059	Diode BAV 203-GS18	Diodo BAV 203-GS18	
	S061301369	Diode BYW 36	Diodo BYW 36	
	S061401379	Diode BYD 37K/T1	Diodo BYD 37K/T1	
	S061503759	Diode BYD37J,115	Diodo BYD37J,115	
DP16/DP24	S061706209	Zener diode 6V2	Diodo zener 6V2	
ZF1/ZL1	S061909359	Zener diode BZT03-C51/A52A	Diodo zener BZT03-C51/A52A	
ZP1	S061703309	Zener diode 3V3	Diodo zener 3V3	
DP20	S061011009	Bridge rectifier B250D	Diodo ponte B250D	
DP1	S061270009	Bridge rectifier B380C3200-2200	Diodo ponte B380C3200-2200	
DP10	S061299089	Diode BYW 80PI-200	Diodo BYW 80PI-200	
DP5/DP8	S061299129	Diode BYT 12PI-1000	Diodo BYT 12PI-1000	
	S061303809	Diode BYV 98-200	Diodo BYV 98-200	
DL10	S061316879	Diode BY 228	Diodo BY 228	
DL5	S061316909	Diode BY 229F-800	Diodo BY 229F-800	
DL4	S061319209	Diode BY 459X-1500	Diodo BY 459X-1500	
DP2	S061401489	Triac BTA 08-700CW	Triac BTA 08-700CW	
TL1	S062520309	Transistor BC 635-16	Transistor BC 635-16	
	S062608509	Transistor BC 847 B	Transistor BC 847 B	
	S062608609	Transistor BC 857 B	Transistor BC 857 B	
TP1	S062756709	Transistor STH 7NA80 FI	Transistor STH 7NA80 FI	
TL2	S062764109	Transistor BUH 1015 HI	Transistor BUH 1015 HI	
TG1	S062815489	Transistor STP 12NB30FP	Transistor STP 12NB30FP	
ICP1	S063164529	I.C. TEA 2262	I.C. TEA 2262	
ICP9	S063249509	I.C. LE 50CZ AP	I.C. LE 50CZ AP	
ICP3 !	S063410309	I.C. K 3023 P	I.C. K 3023 P	
ICP2 !	S063411019	I.C. TCD T 1102 GB	I.C. TCD T 1102 GB	
ICF1	S063183519	I.C. TDA 8351/N6	I.C. TDA 8351/N6	
ICP4	S063209709	I.C. L 78S05/CV	I.C. L 7808CV	
ICP7	S063210509	I.C. L 7808CV	I.C. L 7808CV	
ICP6	S063210529	I.C. L 7812CV	I.C. L 7812CV	
ICP10	S063240009	I.C. VIPER 20A DIP	I.C. VIPER 20A DIP	
FP1/FP4/FP5 !	S070503909	Fuse T2,5A	Fusibile T2,5A	
FP3 !	S070503949	Fuse T4A	Fusibile T4A	
FP7 !	S070504009	Fuse T315 mA	Fusibile T315 mA	
FP2 !	S070506509	Fuse T 3,15A	Fusibile T 3,15A	
CP17	S017120009	Condensator 220 pF 1000V	Condensatore 220 pF 1000V	
CP23	S020222009	Condensator 2K2 pF 4000V	Condensatore 2K2 pF 4000V	
CP73	S040780109	Condensator 10 µF 385V	Condensatore 10 µF 385V	

CP14	S040781509	Condensator 150 µF 385V	Condensatore 150 µF 385 V	
TRL2 !	S065624009	Flyback transformer	Trasformatore EAT	
TRP2 !	S065701109	Stand-by transformer	Trasformatore Stand-by	
TRP1 !	S065706109	Power supply transformer	Trasformatore di alimentazione	
TRP3 !	S066541759	Mains filter	Filtro rete	
TRL1	S066548009	Line driver transformer	Trasformatore di riga	
LG2	S067070809	E/W Coil	Bobina E/W	
LL6	S067080179	Bridge Coil	Bobina ponte	
LG1	S067081449	Linearity coil	Bobina linearità	
	S067419009	Choke 110 µH	Choke 110 µH	
	S000678519	**RGB PCB cpl. (PHILIPS CRT)**	**Modulo RGB cpl. (cinescopio PHILIPS)**	
	S000678509	**RGB PCB cpl. (VIDEOCOLOR CRT)**	**Modulo RGB cpl. (cinescopio VIDEOC)**	
RV40	S054001009	Resistor 1 Ohm 2W	Resistenza 1 Ohm 2W	
	S061002109	Diode BAV 21/A52A	Diodo BAV 21/A52A	
DV10	S061111329	Diode 1N 4007	Diodo 1N 4007	
DV6	S061112059	Diode BAS 32 L	Diodo BAS 32 L	
DV4/DV8	S061281059	Diode BAV 203-GS18	Diodo BAV 203-GS18	
TV6	S062528239	Transistor BD 230/B	Transistor BD 230/B	
TV5	S062528249	Transistor BD 231/B	Transistor BD 231/B	
TV4	S062607209	Transistor BF 720,115	Transistor BF 720,115	
	S062608509	Transistor BC 847 B	Transistor BC 847 B	
	S062608609	Transistor BC 857 B	Transistor BC 857 B	
TV2/TV3	S062620009	Transistor BSV52,215	Transistor BSV52,215	
ICV1	S063161089	I.C. TDA 6108JF/N1	I.C. TDA 6108JF/N1	
CNV2	S070001209	CRT socket	Zoccolo cinescopio	
	S000530219	**100Hz Features PCB cpl.**	**Modulo Features 100Hz cpl.**	
	S061112059	Diode BAS 32 L	Diodo BAS 32 L	
DY2	S061500409	Diode BBY40/T1	Diodo BBY40/T1	
DY3	S061515509	Diode BZV55C3V6	Diodo BZV55C3V6	
DY1	S061518019	Diode BAS16/T1	Diodo BAS16/T1	
TY7	S062605509	Transistor BF 550/T1	Transistor BF 550/T1	
	S062608509	Transistor BC 847 B	Transistor BC 847 B	
	S062608609	Transistor BC 857 B	Transistor BC 857 B	
ICY6/ICY8	S063209609	I.C. L 78L05ACZ AP	I.C. L 78L05ACZ AP	
ICY4	S063349559	I.C. SAA 4955TJ/V1/T3	I.C. SAA 4955TJ/V1/T3	
	S020020009	I.C. SAA 4956TJ/V1/T3	I.C. SAA 4956TJ/V1/T3	
ICY1	S063349779	I.C. SAA 4977H/V1/T3	I.C. SAA 4977H/V1/T3	
ICY2	S063367409	I.C. M74HCT 04	I.C. M74HCT 04	

ICY9	S063367429	I.C. M74HCT 157	I.C. M74HCT 157	
ICY7	S063549319	I.C. L4931-CDT33	I.C. L4931-CDT33	
ICY3	S063574409	I.C. 74 HCT4046AD/T3	I.C. 74 HCT4046AD/T3	
LY4	S067407909	Coil A638AN-0164Z	Bobina A638AN-0164Z	
	S000768009	**VGA PCB cpl.**	**Modulo VGA cpl.**	
	S062608509	Transistor BC 847 B	Transistor BC 847 B	
	S062608609	Transistor BC 857 B	Transistor BC 857 B	
ICM4	S063574009	I.C. 74 HC 4053D,653	I.C. 74 HC 4053D,653	
ICM1	S063574089	I.C. 74 HCT86 D	I.C. 74 HCT86 D	
ICM2/ICM3	S063574459	I.C. 74 HCT4538D	I.C. 74 HCT4538D	
CNM7	S071020109	RCA connector withe	Presa RCA bianca	
CNM6	S071020119	RCA connector red	Presa RCA rossa	
CNM1	S071040159	VGA connector	Connettore VGA	
	S000868109	**Audio Booster PCB cpl.**	**Modulo Audio Booster cpl.**	
	S055408029	Wire wound resistor 1 Ohm 7W	Resistenza a filo 1 Ohm 7W	
	S063001809	I.C. LM 358 N	I.C. LM 358 N	
	S063126169	I.C. TDA 2616/N1	I.C. TDA 2616/N1	
	S068070909	Relais SVR-12	Relais SVR-12	

Service procedure for Chassis Professional 8000

Power supply

Adjust PP1 for 140 V +/- 0.5 V across CP37.

Entering service mode

1. Turn on the appliance at the mains switch while holding down the **MENU** key on the **local control** until the red LED lights up.

2. Release the MENU key on the local control and press the **stand-by** key on the **remote control**. The appliance will start up in service mode with a specific support menu.

3. The various functions can be selected using the **P+** and **P-** keys on the remote control and the adjustment can be made using the **Volume ±** keys. It is advisable to make a note of the initial value before making the adjustment so that it can easily be restored if necessary.

If the memory NVM (ICR3) is replaced, it is essential to carry out all the adjustments required in service mode because the replacement memory is supplied NOT pre-programmed. If the EPROM (ICR2) containing the software is replaced, compatibility with the existing NVM is verified automatically and if necessary it is initialised. These operations may take some time, so you must wait until they are completed.

Although the individual settings can be accessed and memorised individually and independently, it is advisable to carry them out in the sequence in which they appear when pressing the P- key.

Option byte

The correct value to be set for each appliance is marked on the label on the back of each item alongside the writing **Option byte**. The value can be entered using the number keys on the remote control.

AFC setting

Connect a generator (or a known transmitter of reliable quality) to the antenna input and use the remote control number keys to enter the value of its RF frequency (which must be within the frequency band indicated by the menu), then press OK. The setting will be made automatically.
Repeat the procedure for BG, L and L' standards. If any of the settings are omitted, operation, automatic search and tuning in this standard may be incorrect.

AGC tuner setting

Connect a generator **with an RF level of 1 mV** (60 dBµV) (or a known transmitter of reliable quality) to the antenna input and use the remote control number keys to enter the value of its frequency (which must be within the frequency band indicated by the menu), then press OK. The setting will be made automatically.

Screen grid voltage (Vg2)

Adjust the potentiometer G2 on the transformer EHT until the confirmation message appears. No particular signal set-up is required.

Vertical geometry

The **VS** (Vertical Slope) function must be adjusted in such a way that the central horizontal line in the test signal is exactly on the border between the visible image and the lower black part. **It must not subsequently be altered.**
Now set the remaining parameters as accurately as possible in the sequence in which they appear.

Horizontal geometry

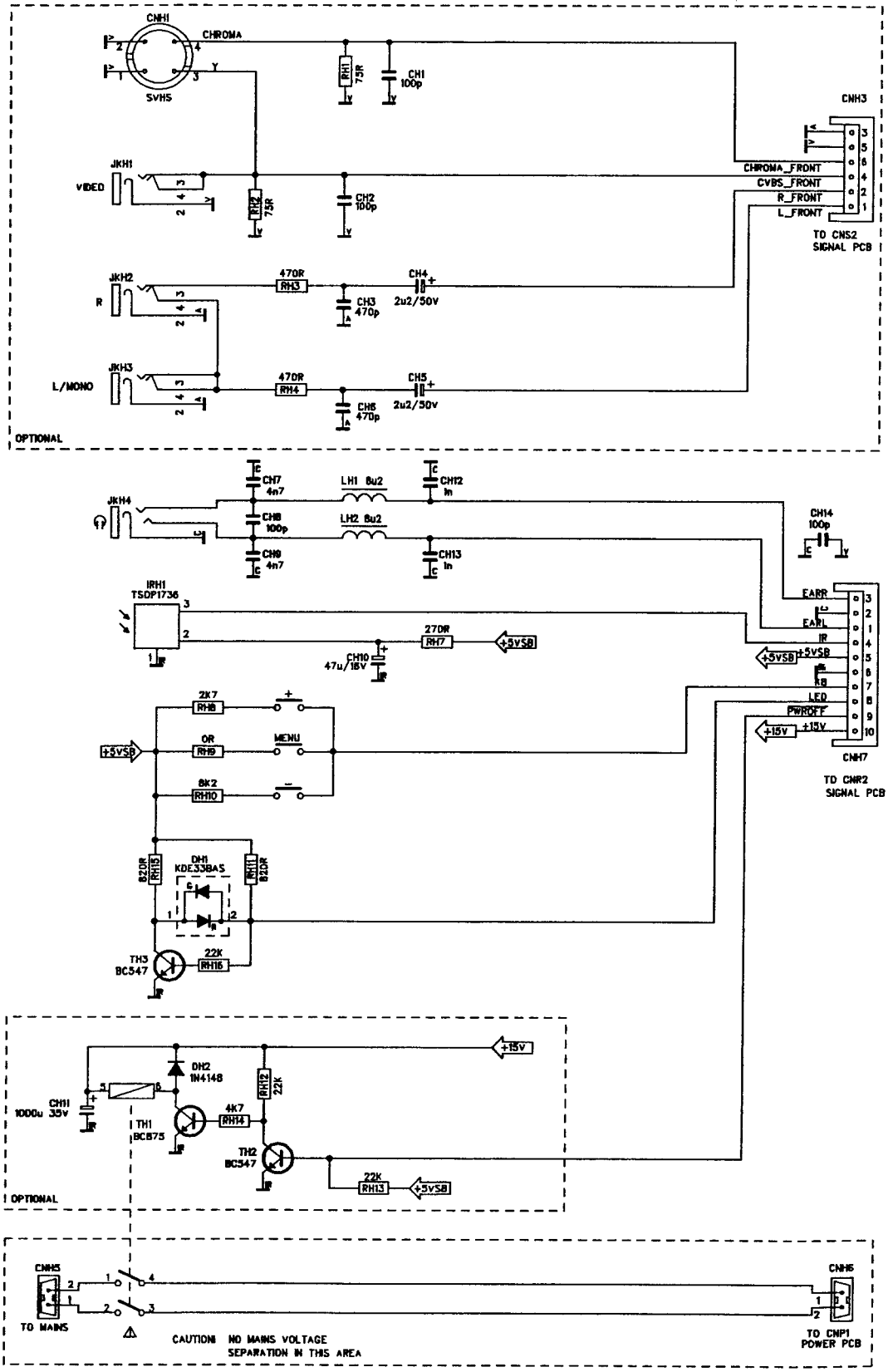
Adjust as accurately as possible in the sequence in which they appear.

Adjusting white (Red/Green)

Using a B/W bar signal, adjust to obtain a grey image. The blue setting is fixed.

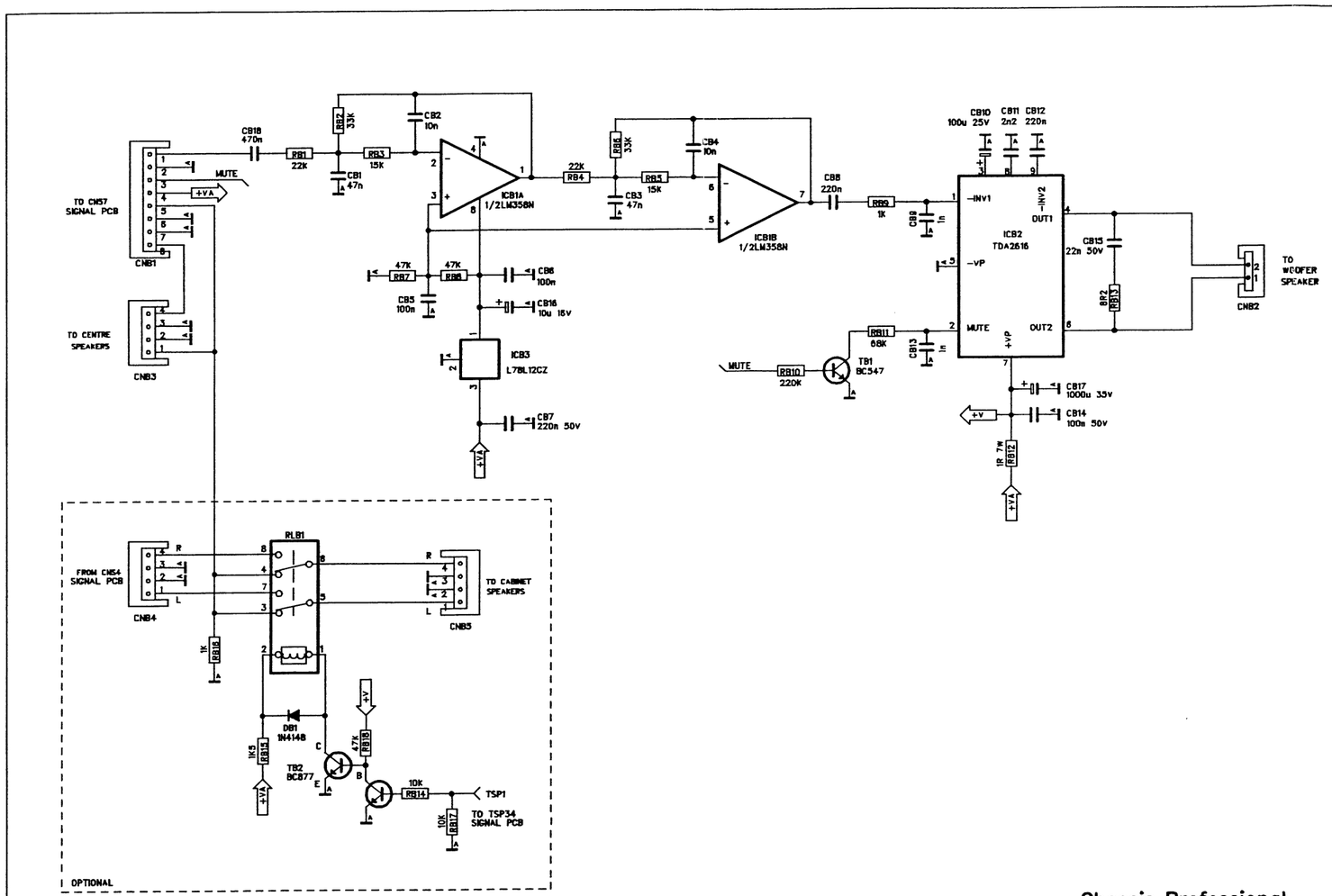
Exiting service mode

Once you have made the necessary adjustments, press the **OK** key on the remote control in one of the menus in which it is active to memorise all the functions and return to normal operation of the appliance.



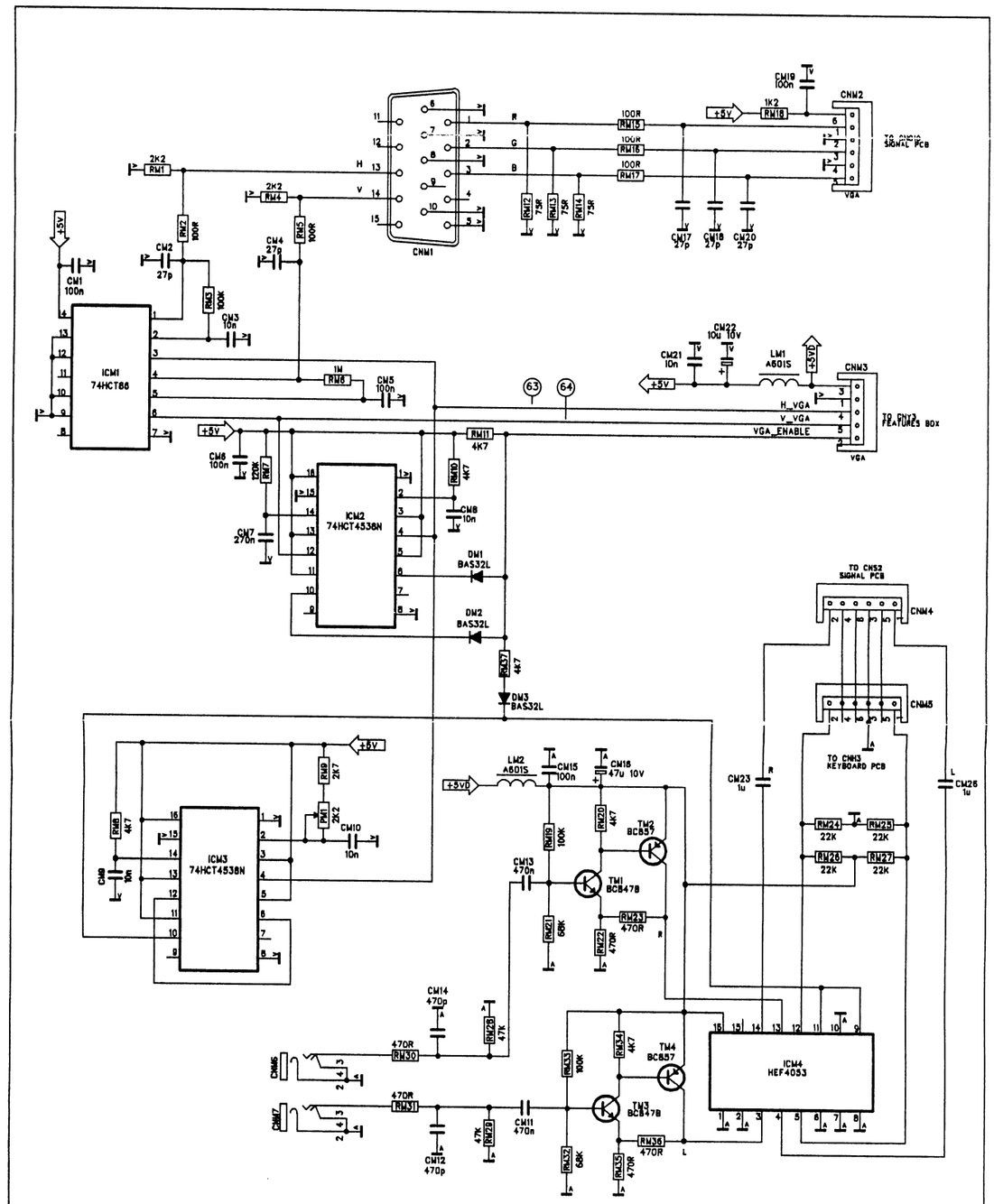
Chassis Professional 8000
Keyboard PCB Rev.1.1
Pg. 1/12

SD95418000



S095418000

Chassis Professional 8000
Woofer Box Amplifier Rev.1.3
Pg. 2/12



Chassis Professional 8000
Vga Interface Rev.1.2
Pg. 3/ 12

S095418000

ICY1 SAA4977H

ICY4 SAA4955TJ (SAA4956TJ)

ICY5 TDA9175

ICY6 L78L05

ICY7 L4931-CDT33

ICY8 74HCT157

ICY2 74HCT04D

ICY3 74HCT4046AD

TY1 BC857B

TY2 BC847B

TY3 BC847B

TY4 BC857B

TY5 BC847B

TY6 BC857B

TY7 BF550

TY8 L78L05

TY9 BC857B

DY1 BAS16

DY2 BB140

DY4 BAS32L

DY5 BAS32L

DY6 BAS32L

LY1 4R7J

LY2 4R7J

LY3 4R7J

LY4 A638AN-0164Z

LY5 A601S

LY6 A601S

LY7 A601S

LY8 A601S

LY9 A601S

LY10 A601S

CNY1

CNY2

CNY3

TO CN42 VGA INTERFACE

TO CN47 SIGNAL PCB

TO CN48 SIGNAL PCB

OPTIONAL

S095418000

Chassis Professional 8000
100 Hz Feature Box Rev.1.3
Pg. 4/12

TO AUDIO POWER

ICR1
M30612SFP

ICR2
27C2001 or
27C4001 or 27C801

ICR3
ST24W16

ICR4
M5M44400BJ

ICR5
SDA5273-2P

ICR6
M51953

OPTIONAL

JR2 NOT FOR 27C801
JR3 27C2001 ONLY
• 27C801 ONLY
•• 27C4001
27C801 ONLY

S095418000

Chassis Professional 8000
Text And Cpu Rev.1.1
Pg. 5/12

TO CPU/TEXT

TO AUDIO

SC1

SC2

RAV1OUT

RAV2OUT

RAV1IN

RAV2IN

LAV1OUT

LAV2OUT

LAV1IN

LAV2IN

AV1B

AV1SW

AV2SW

AV1G

AV1R

CHROMA2IN

AV1BLK

CVBS1IN

CVBS2IN

CVBS2OUT

SWOUT

CVBSSAT

CVBS1OUT

R

L

SL

SR

REAR

CENTER

+8.5V

+27VA

+5VA

+12V

MUTE

CNS7

TO CN81
WOOFER BOOSTER

TSP9

TSP10

LW7
22uH

DW1
BAS32L

TW9
BC847B

TW10
BC857B

RP FRONT L

CNS4

TSP8

TSP7

PLS2

EXT L

TSP33

TSP32

EXT R

PLS1

ICS2
TDA2616

MUTE
-INV2
-INV1
+VP
OUT2
OUT1
-VP

TO
pin 18
ICR1

TW15
BC847B

TW12
BC847B

TW14
BC847B

ZW1
BZV55C-3V3

ICS6
TDA2616

CENTER

PLS3

REAR

PRO LOGIC ONLY

CNS8

LW8
22uH

LW10
22uH

WIRELESS BOX

LW9
22uH

CNS6

LINE OUT

TSP11

TSP12

TSP31

ICS3
TDA7053AT

LW3
22uH

LW6
22uH

EAR R

EAR G

EAR L

TO CNR2
SIGNAL PCB

TW1
BC847B

TW2
BC847B

TW3
BC847B

TW4
BC847B

TW5
BC857B

TW6
BC857B

TW7
BC847B

TW8
BC847B

TW11
BC857B

TW13
BC857B

S095418000

Chassis Professional 8000
Audio Power Rev.1.3
Pg. 6/12

TO AUDIO POWER/SCART

TO FRONT END

ICS4 SAA7710T

PRO LOGIC ONLY

ICS1 TDA9870A V2 TDA9875A V2 (NICAM)

ICS5 TDA7487D

SRS ONLY

TO CNH3 KEYBOARD PCB

S095418000

Chassis Professional 8000
Audio **Rev.1.1**
Pg. 7/12

TO AUDIO

TO BACK END

ICC2
TDA8321H

TUC1
UV1316 AS

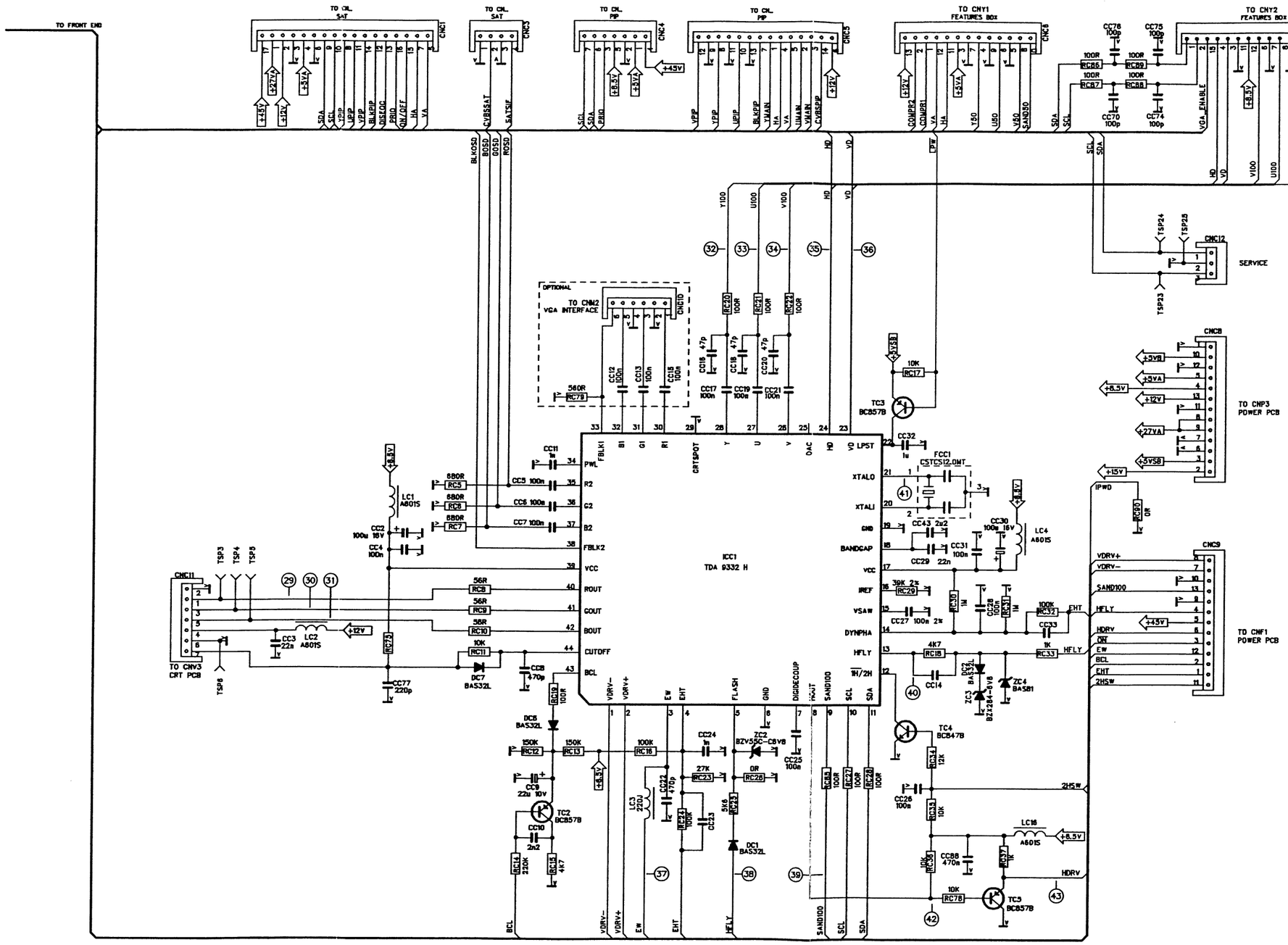
FCC4
K9453M

FCC5
K3953M

FCC3
TPS5,5MWA

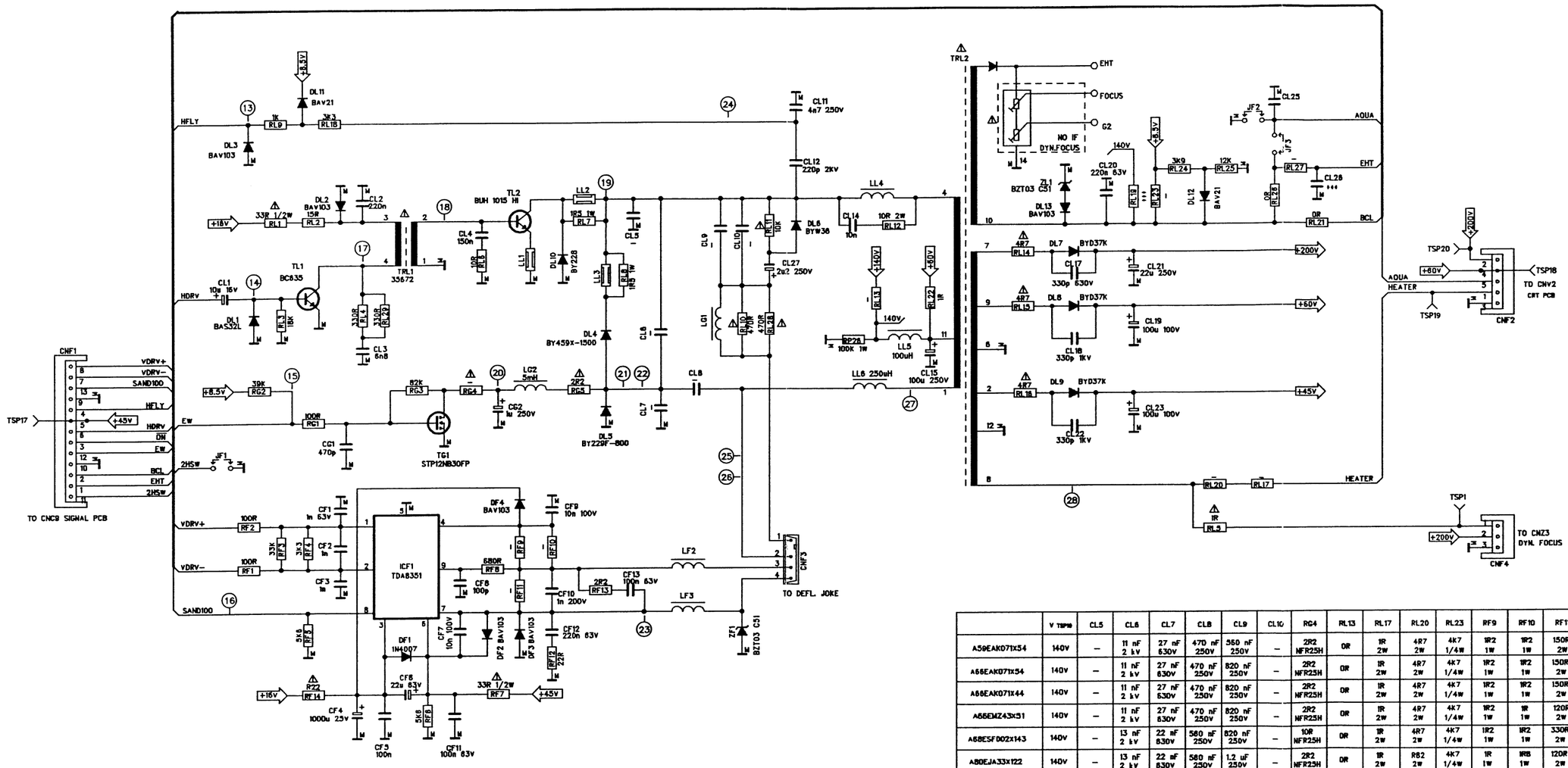
Chassis Professional 8000
Front End Rev.1.1
Pg. 8/12

S095418000



S095418000

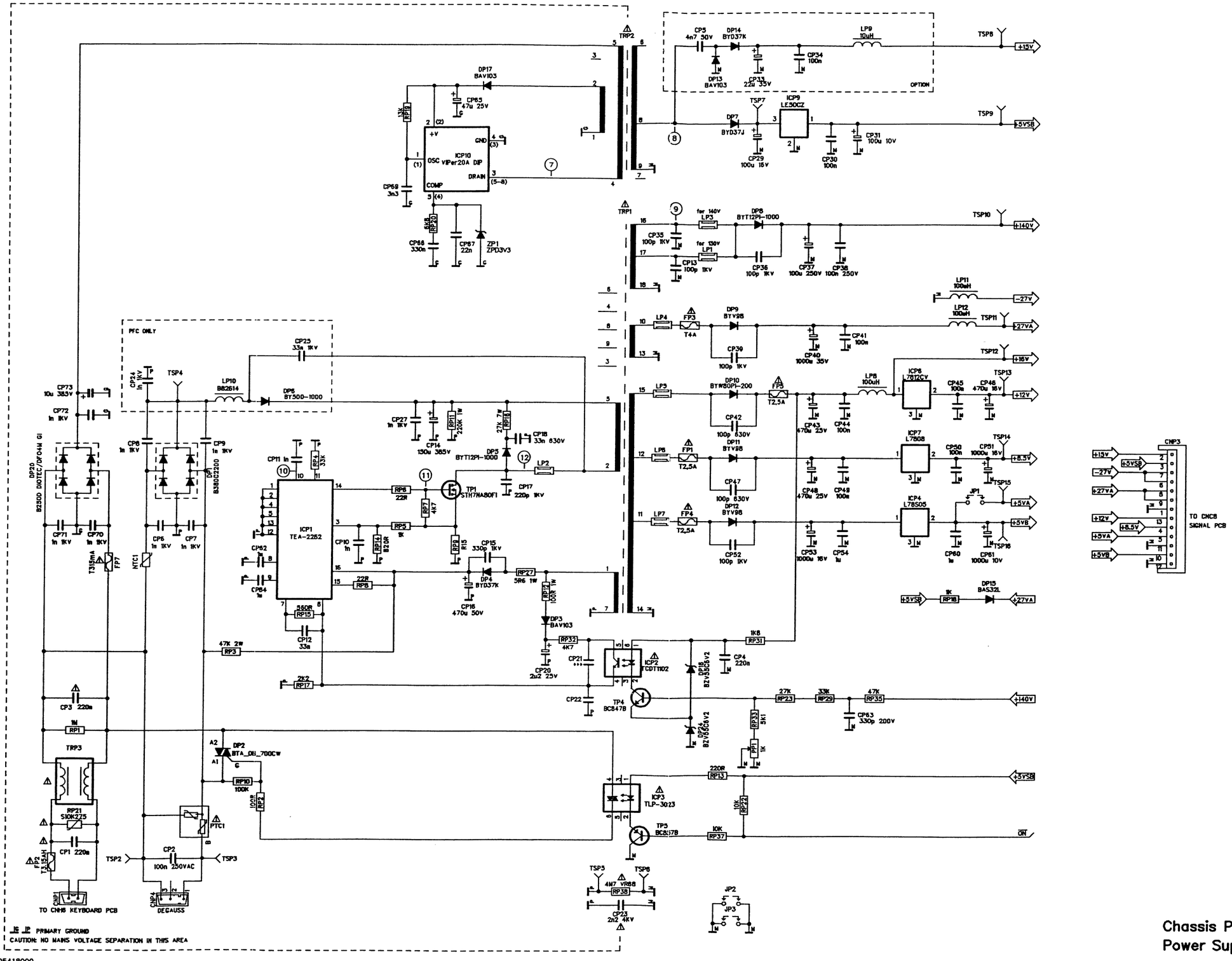
Chassis Professional 8000
Back End **Rev.1.1**
Pg. 9/12



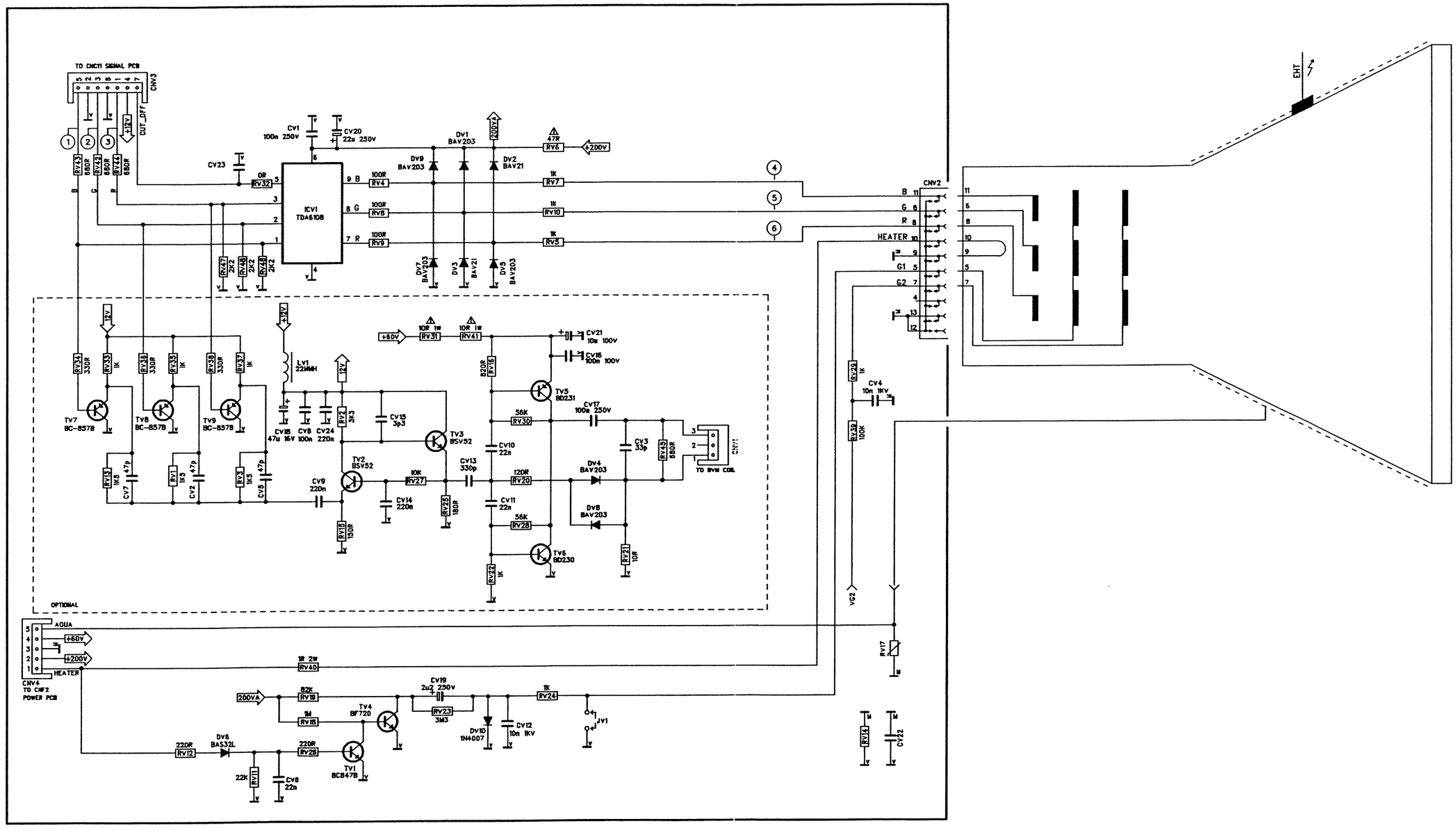
	V TSP18	CL5	CL6	CL7	CL8	CL9	CL10	RG4	RL13	RL17	RL20	RL23	RF9	RF10	RF11	RL27
A59EAK071X54	140V	–	11 nF 2 kV	27 nF 630V	470 nF 250V	560 nF 250V	–	2R2 MFR25H	OR	1R 2W	4R7 2W	4K7 1/4W	1R2 1W	1R2 1W	150R 2W	330K 1/4W
A66EAK071X54	140V	–	11 nF 2 kV	27 nF 630V	470 nF 250V	820 nF 250V	–	2R2 MFR25H	OR	1R 2W	4R7 2W	4K7 1/4W	1R2 1W	1R2 1W	150R 2W	330K 1/4W
A66EAK071X44	140V	–	11 nF 2 kV	27 nF 630V	470 nF 250V	820 nF 250V	–	2R2 MFR25H	OR	1R 2W	4R7 2W	4K7 1/4W	1R2 1W	1R2 1W	150R 2W	330K 1/4W
A66EMZ43X51	140V	–	11 nF 2 kV	27 nF 630V	470 nF 250V	820 nF 250V	–	2R2 MFR25H	OR	1R 2W	4R7 2W	4K7 1/4W	1R2 1W	1R 1W	120R 2W	330K 1/4W
A68ESF002X143	140V	–	13 nF 2 kV	22 nF 630V	560 nF 250V	820 nF 250V	–	10R MFR25H	OR	1R 2W	4R7 2W	4K7 1/4W	1R2 1W	1R2 1W	330R 2W	330K 1/4W
A80EJA33X122	140V	–	13 nF 2 kV	22 nF 630V	560 nF 250V	1.2 uF 250V	–	2R2 MFR25H	OR	1R 2W	R82 2W	4K7 1/4W	1R 1W	1R8 1W	120R 2W	270K 1/4W
W66ESF002X44	140V	–	13 nF 2 kV	22 nF 630V	560 nF 250V	680 nF 250V	–	10R MFR25H	OR	1R 2W	4R7 2W	4K7 1/4W	1R 1W	–	220R 2W	330K 1/4W
W76EGV023X522	140V	–	13 nF 2 kV	22 nF 630V	560 nF 250V	1.2 uF 250V	–	2R2 MFR25H	OR	1R 2W	R82 2W	3K9 1/4W	1R2 1W	–	330R 2W	270K 1/4W
W76ESF031X44	130V	–	12 nF 1.6kV	18 nF 630V	560 nF 250V	680 nF 250V	–	10R MFR25H	OR	1R8 2W	1R8 2W	4K7 1/4W	1R 1W	–	220R 2W	330K 1/4W
A80EFF002X43	140V	–	13 nF 2 kV	22 nF 630V	560 nF 250V	1.2 uF 250V	–	2R2 MFR25H	OR	1R 2W	3R3 2W	4K7 1/4W	1R 1W	2R2 1W	150R 2W	270K 1/4W

S095418000

Chassis Professional 8000
Deflections Rev.1.4
Pg.10/12



Chassis Professional 8000
Power Supply Rev.1.3
Pg.11/12



Chassis Professional 8000
Rgb 8000 Rev.1.3
Pg.12/12

S095418000